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TECH CENTER 1600/2900

Seq Listing.txt
SEQUENCE LISTING

<110> Sloan-Kettering Institute for Cancer Research
Fothman, James E.
Mayhew, Mark
Hoe, Mee H.
Houghton, Alan
Hartl, Ulrich
Querfelli, Ouathek
Moroi, Yoichi

<120> CONJUGATE HEAT SHOCK PROTEIN-BINDING PEPTIDES

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Seq Listing.txt

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212 DNA

213 Artificial Sequence

220

223 random DNA in m13 coliphage

400 125

ctgcgcgactg ctacgcgcgga ttgt

24

210 126

211 24

212 DNA

213 Artificial Sequence

220

223 random DNA in m13 coliphage

400 126

gcagagtttgc atctttttgat ttgt

24

210 127

211 24

212 DNA

213 Artificial Sequence

220

223 random DNA in m13 coliphage

400 127

cggatgaata ctgagcctcc gggt

24

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211 24

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213 Artificial Sequence

220

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400 128

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*210 137

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*212 DNA

*213 Artificial Sequence

*220

*223 random DNA in m13 coliphage

*400 137

ataatgacta atatgattac ttgt

24

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*211 24

*212 DNA

*213 Artificial Sequence

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*223 random DNA in m13 coliphage

*400 138

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24

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24

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<400> 142

Gly Gly Gly Ser

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213 Artificial Sequence

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223 peptide in m13 coliphage

400 144

Phe Trp Gly Leu Trp Pro Trp Glu

1

5

210 145

211 5

212 PPT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 145

Gln Lys Arg Ala Ala

1

5

210 146

211 5

212 PPT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 146

Arg Arg Arg Ala Ala

1

5

210 147

211 5

212 PPT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 147

Lys Phe Glu Arg Gln

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Asp Arg Thr His Ala Thr Ser
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Met Ser Phe Pro Asp Leu Leu

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0212 PFT

0213 Artificial Sequence

0220

0223 peptide in m13 coliphage

0400 159

His Ser Tyr Asn Arg Leu Pro

1

5

0210 160

0211 7

0212 PFT

0213 Artificial Sequence

0220

0223 peptide in m13 coliphage

0400 160

His Leu Thr His Ser Gln Arg

1

5

0210 161

0211 7

0212 PFT

0213 Artificial Sequence

0220

0223 peptide in m13 coliphage

0400 161

Gln Ala Ala Gln Ser Arg Ser

1

5

0210 162

0211 7

0212 PFT

0213 Artificial Sequence

0220

0223 peptide in m13 coliphage

0400 162

Seq Listing.txt

Phe Ala Thr His His Ile Gly
1 5

210 163

211 7

212 PPT

213 Artificial Sequence

220

221 peptide in m13 coliphage

400 163

Ser Met Pro Glu Pro Leu Ile
1 5

210 164

211 7

212 PPT

213 Artificial Sequence

220

221 peptide in m13 coliphage

400 164

Ile Pro Arg Tyr His Leu Ile
1 5

210 165

211 7

212 PPT

213 Artificial Sequence

220

221 peptide in m13 coliphage

400 165

Ser Ala Pro His Met Thr Ser
1 5

210 166

211 7

212 PPT

213 Artificial Sequence

Seq Listing.txt

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Lys Ala Pro Val Trp Ala Ser

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Ala Ser Ala Gly Tyr Gln Ile

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Val Thr Pro Lys Thr Gly Ser

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Seq Listing.txt

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400 170

Glu His Pro Met Pro Val Leu
1 5

210 171
211 7
212 PRT
213 Artificial Sequence

220
223 peptide in m13 coliphage

400 171

Val Ser Ser Phe Val Thr Ser
1 5

210 172
211 7
212 PRT
213 Artificial Sequence

220
223 peptide in m13 coliphage

400 172

Ser Thr His Phe Thr Trp Pro
1 5

210 173
211 7
212 PRT
213 Artificial Sequence

220
223 peptide in m13 coliphage

400 173

Seq Listing.txt

Gly Gln Trp Trp Ser Pro Asp
1 5

210 174

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 174

Gly Pro Pro His Gln Asp Ser
1 5

210 175

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 175

Asn Thr Leu Pro Ser Thr Ile
1 5

210 176

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 176

His Gln Pro Ser Arg Trp Val
1 5

210 177

211 7

212 PRT

213 Artificial Sequence

220

Seq Listing.txt

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Seq Listing.txt

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Glu Pro Phe Phe Arg Met Gln

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210 185

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 185

Thr Trp Trp Leu Asn Tyr Arg

1

5

210 186

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 186

Phe His Trp Trp Trp Gln Pro

1

5

210 187

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 187

Gln Pro Ser His Leu Arg Trp

1

5

210 188

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

Seq Listing.txt

400 188

Ser Pro Ala Ser Pro Val Tyr
1 5

210 189

211 7

212 PPT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 189

Phe His Trp Trp Trp Gln Pro
1 5

210 190

211 7

212 PPT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 190

His Pro Ser Asn Gln Ala Ser
1 5

210 191

211 7

212 PPT

213 Artificial Sequence

220

223 peptide in m13 coliphage

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Asn Ser Ala Pro Arg Pro Val
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211 7

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Seq Listing.txt

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211 7

212 PRT

213 Artificial Sequence

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223 peptide in m13 coliphage

400 196

Asp Ser Phe Arg Thr Pro Val

1

5

210 197

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 197

Thr Ser Pro Leu Ser Leu Leu

1

5

210 198

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

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Ala Tyr Asn Tyr Val Ser Asp

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210 199

211 7

212 PRT

213 Artificial Sequence

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223 peptide in m13 coliphage

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223 peptide in m13 coliphage

400 217

Thr Pro Pro Leu Arg Ile Asn

1

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210 208

211 7

212 PBT

213 Artificial Sequence

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223 peptide in m13 coliphage

400 208

Leu Pro Ile His Ala Pro His

1

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210 209

211 7

212 PBT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 209

Asp Leu Asn Ala Tyr Thr His

1

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211 7

212 PBT

213 Artificial Sequence

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223 peptide in m13 coliphage

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Seq Listing.txt

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Gly Thr Ala His Phe Met Tyr
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Seq Listing.txt

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Seq Listing.txt

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Thr His Ser His Arg Pro Ser

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Seq Listing.txt

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Ser Leu Trp Thr Arg Leu Pro

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Asn Ser Pro His Pro Pro Thr

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Val Pro Ala Lys Pro Arg His

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His Asn Leu His Pro Asn Arg

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Seq Listing.txt

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Ala Val Thr Ala Ala Ile Val
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Thr Pro Leu Lys Val Pro Tyr
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Phe Thr Asn Gln Gln Tyr His

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Ser His Val Pro Ser Met Ala

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<400> 242

His Thr Thr Val Tyr Gly Ala

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<210> 243

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<400> 243

Thr Glu Thr Pro Tyr Pro Thr

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Seq Listing.txt

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Leu Thr Thr Pro Phe Ser Ser

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<400> 245

Gly Val Pro Leu Thr Met Asp

1

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<400> 246

Lys Leu Pro Thr Val Leu Arg

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<210> 247

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Seq Listing.txt

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Cys Arg Phe His Gly Asn Arg
1 5

210 248

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 248

Tyr Thr Arg Asp Phe Glu Ala
1 5

210 249

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 249

Ser Ser Ala Ala Gly Pro Arg
1 5

210 250

211 7

212 PRT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 250

Ser Leu Ile Gln Tyr Ser Arg
1 5

210 251

211 7

212 PRT

213 Artificial Sequence

Seq Listing.txt

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Phe Asn Thr Ser Thr Arg Thr

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Seq Listing.txt

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Thr Val Gln His Val Ala Phe

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Asp Tyr Ser Phe Pro Pro Leu

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Val Gly Ser Met Glu Ser Leu

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Phe Xaa Pro Met Ile Xaa Ser

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Ala Pro Pro Arg Val Thr Met

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<210> 260

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<400> 260

Lys Pro Pro Leu Phe Gln Ile

1

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<400> 261

Tyr His Thr Ala His Asn Met

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<400> 262

Ser Tyr Ile Gln Ala Thr His

1

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Ser Ser Phe Ala Thr Phe Leu

1

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<210> 264

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Seq Listing.txt

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Thr Thr Pro Pro Asn Phe Ala
1 5

210 265

211 7

212 PFT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 265

Ile Ser Leu Asp Pro Arg Met
1 5

210 266

211 7

212 PFT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 266

Ser Leu Pro Leu Phe Gly Ala
1 5

210 267

211 7

212 PFT

213 Artificial Sequence

220

223 peptide in m13 coliphage

400 267

Asn Leu Leu Lys Thr Thr Leu
1 5

210 268

211 7

212 PFT

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Asp Gln Asn Leu Pro Arg Arg

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Ser His Phe Glu Gln Leu Leu

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Thr Pro Gln Leu His His Gly

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Ala Pro Leu Asp Arg Ile Thr

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Seq Listing.txt

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213 Artificial Sequence

220
223 peptide in m13 coliphage

400 273

Phe Ala Pro Leu Ile Ala His
1 5

210 273
211 7
212 PRT
213 Artificial Sequence

220
223 peptide in m13 coliphage

400 273

Ser Trp Ile Gln Thr Phe Met
1 5

210 274
211 7
212 PRT
213 Artificial Sequence

220
223 peptide in m13 coliphage

400 274

Asn Thr Trp Pro His Met Tyr
1 5

210 275
211 7
212 PRT
213 Artificial Sequence

220
223 peptide in m13 coliphage

Seq Listing.txt

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Glu Pro Leu Pro Thr Thr Leu
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<400> 276

His Gly Pro His Leu Phe Asn
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<400> 277

Tyr Leu Asn Ser Thr Leu Ala
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<210> 278

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His Leu His Ser Pro Ser Gly
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Seq Listing.txt

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Asn Glu Val Asp Thr Ala Arg

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Tyr Pro Thr Pro Leu Leu Thr

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Seq Listing.txt

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His Pro Ala Ala Phe Pro Trp
1 5

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Leu Leu Pro His Ser Ser Ala
1 5

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Leu Glu Thr Tyr Thr Ala Ser
1 5

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Seq Listing.txt

Lys Tyr Val Pro Leu Pro Pro
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Ala Pro Leu Ala Leu His Ala
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Tyr Glu Ser Leu Leu Thr Lys
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Ser His Ala Ala Ser Gly Thr
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Seq Listing.txt

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Gly Leu Ala Thr Val Lys Ser

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Gly Ala Thr Ser Phe Gly Leu

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Lys Pro Pro Gly Pro Val Ser

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Thr Leu Tyr Val Ser Gly Asn

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Seq Listing.txt

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His Ala Pro Phe Lys Ser Gln
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Val Ala Phe Thr Arg Leu Pro
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Leu Pro Thr Arg Thr Pro Ala
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Seq Listing.txt

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Arg Met Asn Thr Glu Pro Pro
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Lys Met Thr Pro Leu Thr Thr
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Ala Asn Ala Thr Pro Leu Leu
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Thr Ile Trp Pro Pro Pro Val

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Gln Thr Lys Val Met Thr Thr

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Asn His Ala Val Phe Ala Ser

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Thr Trp Gln Pro Tyr Phe His
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Ala Pro Leu Ala Leu His Ala
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Thr Ala His Asp Leu Thr Val
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Asn Met Thr Asn Met Leu Thr

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0210> 309

0211> 7

0212> PPT

0213> Artificial Sequence

0217

0221> peptide in m13 coliphage

0400> 309

Gly Ser Gly Leu Ser Gln Asp

1

5

0210> 310

0211> 7

0212> PPT

0213> Artificial Sequence

0220>

0223> peptide in m13 coliphage

0400> 310

Thr Pro Ile Lys Thr Ile Tyr

1

5

0210> 311

0211> 7

0212> PPT

0213> Artificial Sequence

0220>

0223> peptide in m13 coliphage

0400> 311

Ser His Leu Tyr Arg Ser Ser

1

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0210> 312

0211> 7

Seq Listing.txt

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His Gly Gln Ala Trp Gln Phe
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Leu Leu Leu Gly Thr Leu Asn Ile Val
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<400> 314

Leu Leu Met Gly Thr Leu Gly Ile Val
1 5

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Thr Leu Gln Asp Ile Val Leu His Leu

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Ily Leu His Cys Tyr Glu Gln Leu Val

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Pro Leu Lys Gln His Phe Gln Ile Val

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32

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<212> DNA

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Seq Listing.txt

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35

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0211> 5

0212> PRT

0213> Artificial Sequence

0220>

0223> Random peptide in coliphage M13

0400> 320

Phe His Trp Trp Trp

1

5

0210> 321

0211> 12

0212> PRT

0213> Artificial Sequence

0220>

0223> hybrid peptide

0400> 321

Ser Ile Ile Asn Phe Glu Lys Leu Gly Ser Gly His Trp Asp Phe Ala

1

5

10

15

Trp Pro Trp

19